TECH

VOL. XXXII. NO. 60

BOSTON, MASS., TUESDAY, DECEMBER 17, 1912

PRICE TWO CENTS

CO-OPERATION DINNER OF THE TECH STAFF

Meeting Takes Place Tomorrow —All Men Out for the Paper Are Guests.

At promptly 6 o'clock tomorrow evening the Managing Board of THE TECH will act as hosts at a dinner given for the news and business departments of the paper. The affair will take place in the smaller dining room of the Union, with Mr. Colton as caterer.

as caterer.

A feature of this meeting will be the presence of the Advisory Council of THE TECH. This body of three members, which is closely connected with the doings of the activity, has been keen to notice the inter-relation of its various departments. The members of the council are expected to have many valuable interesting comments and suggestions to make.

This dinner will be an informal meeting of all men connected with THE TECH. The prevailing spirit will be of the get-together kind, where the news and business wings of this activity, said to be the most Impor-

the news and business wings of this activity, said to be the most important in the Institute, can become acquainted with each other and the other departments. The knowledge and perspective of the dove-tailing of the various branches of the machinery of THE TECH is a distinct help to the individual and for that reason to the individual, and for that reason in addition to the men who have already won positions on the staff, every promising candidate has been invited and is expected to be present.

Some novel features will be intro-

duced at this meeting.

ENGINEERING LECTURE.

M. E. Society Invited to Lecture by Prof. H. W. Hayward.

There will be a meeting of the American Association of Mechanical Engineers on Friday evening, December 20, at 8 o'clock, to which the member 20, at 8 o'clock, to which the members of the M. E. Society here at the Institute have been invited, which is to be held in the Edison building, at 39 Hoylston street.

39 Hoylston street.

Prof. H. W. Hayward, associate professor of Mechanical Engineering at the Institute, will speak on "The Testing Laboratory and Constructing Engineer." He will describe various kinds of engineering laboratories and outline the possibilities of service to manufacturers and constructors.

A number of unique slides will be shown in connection with various experiences which will be related, illustrating lapses and inconsistencies of

trating lapses and inconsistencies of engineering specifications.

This talk is intended to provoke a thorough canvass of the topic from every angle in the general discussion which is to follow. All interested are invited to attend, whether members of the society or not.

HARVARD MATCH OFF.

The wrestling match between Tech and Harvard has been canceled, as the managers cannot agree on a date. It lay between tonight and Wednesday nt tay between tonight and Wednesday night. Tech could not consent to having it this evening, and both thought it impracticable to have it Wednesday, owing to the Harvard-Tech hockey game.

POSTER COMPETITION BEGINS WEDNESDAY

Publicity Manager G. E. Whitwell Will Meet Competitors in Show Office.

On account of the fact that the music competition began yesterday, the poster competition for Tech Show, 1913, has been postponed until Wednesday, December 18, at 4 P. M. At this time Publicity Manager G. E. Whitwell will be in the Show office to meet all these men who are desirous

of trying poster work.

It is hoped that this branch of the Show work will not be left to the Architectural Department alone, for the management wishes any man who the management wishes any man who can draw at all, regardless of his course at the Institute, to come out. The competition will run until after "mid-year's," thus allowing the men plenty of time in which to formulate and execute their ideas. As has been the custom in past years, a ten dollar prize will be awarded for the winning. prize will be awarded for the winning

The poster is to be done in two flat The poster is to be done in two flat colors and black, the colors to be chosen by the artist. The drawing is to be twenty by forty inches and musicontain the words "Tech Show" and the title, "Money in Sight," with a blank space left at the bottom for the insertion of the date and place of performance. The idea embodied in the drawing should suggest the title of the Show only; further acquaintance with the plot of the play is unnecessary.

Of the posters for the past thirteen Of the posters for the past thirteen shows, the first seven were drawn by professionals, while the last six were done by students, and at the present time every thing connected with the Show is done by students with the single exception of the professional coaching, so that it would seem inconsistent were it necessary to call upon sistent were it necessary to call upon outside talent for this year's poster The management hopes that every man who has, or thinks he has any ability in this line, will come out and make a trial. At any rate, men who are interested in any way can at least come around next Wednesday afterncon and hear what is to be said on the subj∈ct.

PROF. HALE TO SPEAK.

Tech Man Will Give Lecture on the Magnetism of Sun.

This afternoon, at 4 o'clock, Professor George E. Hale will give a talk on "The Magnetic Field of the Sun." Professor Hale is a Tech man, having graduated from the Institute with the class of '90. He has spent considerable time studying the magnetism of the sun and his lecture will relate the sun, and his lecture will relate principally to his own work in de-termining the exact magnetic field of that planet. His talk will undoubted-ly be extremely interesting, and everybody to whom anything of this nature appeals is cordially invited. The lecture will be held in Room 22,

MECHANICAL ENG. SOC. HAS GROWN GREATLY

Course II Society Has Varied History-Membership Now About One Hundred.

This is the second of a series of atticl's on the various Course Societies which is to be run in THE TECH. The first was on the Civil Engineering The first was on the civil Engineering Society. Course I, and appeared in the issue of December 5th. The Mechanical Engineering Society was organized in the term of 1881-1882 by member sof the Mechanical Engineering Courses with the purpose of siding. its members to gain a broader knowledge of mechanical subjects and also o help them acquire a degree of readiness in debate. During its earliest years the club took several trips, one of which was through Western Moses? of which was through Western Massa-



J. G. RUSSELL.

chusetts and Connecticut. A few years ago it died out, but it was re-reganized and has thrived ever since. This year it elected the following

officers: President, J. Gordon Russell; Vice-President, H. D. Peck; Szcretary, J. B. Farwell; Treasurer, L. L. Cus-ter; Governing Committee, E. W. Prewster, M. L. Waterman and W. H. Browster, M. L. Waterman and W. H. Brotherton; Program Committee, Prof. E. F. Miller, Prof. G. B. Hoven and Messrs, R. J. Tuller and E. Hirst. The President, J. G. Russell, has been connected in the past with the Tech Show, was one of the committee on the All-Technology dinner, and is a member of the Institute Committee. The Vice-President, H. D. Peck, is also well known about the Institute, have (Continued on Page 3, Col. 2). (Continued on Page 3, Col. 2.)

E. E. SOCIETY DINNER.

This evening, at 6.30, the members of the Electrical Engineering Society will have a dinner in the Union. It is hoped that a large number of men will turn out, and there is no reason why they should not, for the society has

E. E. SOCIETY TRIP COMES MID-YEAR'S WEEK

Itinerary Is Arranged to Include Principal Electric Plants of New York.

Tonight the completed plans and expenses of the proposed E. E. Society's trip will be laid before the meeting for adoption. The trip is to include a two days' stay at Niagara Falls and Buffalo, one day at Schenectady, and two more days in New York

City.
Several complete itineraries covering in detail the six days' trip have been arranged and all accommoda-tions will be provided for in advance. This feature will probably be secured

This feature will probably be secured through one of the tourist agencies.

The trip will not be made unless ten or more agree to go, although the present outlook is that there will be no trouble in securing this number. Special sleepers for the night runs and gradient agencies with the securing this number. and special coaches for the day runs have been secured. The party will stop at the Hotel Imperial at Niagara,

stop at the Hotel Imperial at Niagara, and at the Hotel Prince George or the Imperialist at New York.

The trip will begin on Sunday, February 2nd, and will officially end in New York City on Friday night, February 7th, at which time members may take the 5 o'clock boat for Boston or remain in the city as long as their cash holds out. One member of the Faculty has already signified his the Faculty has already signified his intention of going.
On account of the number making

On account of the number making the trip special rates have been obtained, and the total cost will be low enough to tempt many to spend midyear's week "on the road."

The trip will be open to all students of the Institute. Complete details will be given tonight by Mr. J. A. Tennant, chairman of the Excursion Committee at the sceletic divince in the

mittee, at the society's dinner in the Union at 6.15 P. M.

Union at 6.15 P. M.

The society is assured of admittance to the following plants: At Niagara Falls, Acheson Graphite Co., makers of graphite electric furnaces; Shredded Wheat Co., electric equipment; Canadian N. F. Power Co.; Electrical Development Co. of Ontario; Ontario Power Co. and its Transformer Substation, No. 1, 110,000 volts. At Buffalo, Sackawana Steel Co., large blast furnace gas engine equipment; at Schenectady, General Electrical Co.; in New York City, Waterside Station, No. 1 and No. 2; New York Edison Co., which has the largest turbines in the world, with a capacity of 20,000 the world, with a capacity of 20,000 K.W., and the 59th Street station, which has the largest combined reciprocating engine and exhaust steam turbine unit in the world.

WEATHER.

Forecast for Boston and vicinity: air Tuesday; moderate westerly winds.

CALENDAR.

Tuesday, December 17, 1912. 5.00—1916 Basketball Practi

Gym.
6.30—E. E. Society Dinner—Union.

Masons—Union. 8.00—Meeting of Masons—Union. Wednesday, December 18, 1912. 8.15—Hockey, Tech vs. Harvard—

SOCIETY DINNER **TONIGHT---6.30** IN UNION

ntered as second-class matter. Sept. 15, I, at the postoffice at Boston, Mass., un-the act of Congress of March 3, 1879.

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MANAGING BOARD.

4. T. Gibson, 1913. General Manager

8. H. Taylor, 1914. Editor-in-Chief

B. E. Adams, 1915. Business Manager

Office Hours of Managing Editor: 8.40 to 9.00 A. M. daily. 1.30 to 2 P. M. Except Thursdays and Saturdays. Office Hours of Business Manager: 8.30 to 9.00 A. M. Daily. Office Hours of Editor-in-Chief: 5.30 to 6.00 P. M. Daily, Except Saturday.

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Subscriptions, \$2.00 per year, in advance, Single copies, 2 cents.

TUESDAY, DECEMBER 17, 1912

As an example of gross misrepre-sentation of facts and disregard for the truth, the following afticle which appeared in an exceedingly well known college publication recently can hardly be surpassed. The last statement is the only one which even approaches the real facts of the case. The entire article as it appeared to The entire article as it appeared is as

follows:

"THE TECH, the daily paper at the Massachusetts Institute of Technology, has temporarily suspended publication. The two editors who were in charge of Monday's issue left for their homes in different parts of Massachusetts on Saturday night without making arrangements for the publication of the paper on Monday. A meeting of the editorial board was hurriedly called on Monday and the resignations of the managing and athresignations of the managing and ath-letic editors were received. The busi-ness manager has assured the students that the paper will soon resume publication. Those who are well in-formed are certain that the paper is not in poor financial circumstances. but that the cause of the trouble is lack of undergraduate support."

This incident calls to mind a strong

desire which the entire staff of THE TECH can express most advantage-ously with the above statement as an

ously with the above statement as an introduction.

In endeavoring to carry out the function of THE TECH and aid its progress toward the ideals which, we hope, will be reached in the fullest degree, we earnestly desire to have at all hands the frank criticism of any person who has any noint on have at all hands the frank criticism of any person who has any point on which to disagree with us, whether it be in publication, form, material advertising or circulation. If there is any way you think the paper could be bettered, by the introduction of new features or by the removal of certain features, we shall be only too glad to know of your suggestions.

The fact that the onlooker is much better able to indge than the actor

better able to judge than the actor is a truth that applies to the publication of a student newspaper as readily as to any other condition, and we sin-cerely ask for your co-operation in the endeavor to make each issue a better one than the last.

BAD POSTERS.

The posters and notices placed on the bulletin boards certainly need at-tention. Some of them are very bad, and a large percentage show very slip-shod work. Often times words are misspelled, and there has been posted

DR. MACLAURIN WILL BE T. C. A. SPEAKER

President of Institute to Talk at This Week's Meeting in the Union.

The T. C. A. expects that the attendance at its regular Thursday noon talk this week will surpass all previous records, for the speaker is the President of the Institute, Dr. Richard C. Maclaurin. The speaker's subject has not been announced yet, but he will probably speak on some phase of the work of the Association and its relation to Institute life. However, the Association feels that the mere announcement that President Maclaurin is to speak ought to assure a crowd that will tax the Union to its utmost capacity. Last year four hundred men turned out to hear Dr. Murlin, the new president of Boston University. Many more than that number are expected this week to hear our own President.

Dr. Maclaurin finds it possible to speak only a very few times in the course of a year at student gatherings, and the fact that he has arranged to speak for the T. C. A. shows that he recognizes the important place held by the Association in Technology life. The President is extremely busy at all times, and more so than usual just at present, since much of the work incident to the planning of the New Technology falls upon him. Hence the T. C. A. is especially fortunate to secure him for its noon meeting.

All the men who have heard the President know that whatever he says will be of great interest. Every Tech man will look upon it as a duty to show his respect for Dr. Maclaurin by attending this meeting, even at a sac-

The meeting is at 1.30 o'clock in the Union. It begins according to Boston time, not necessarily by Union time, which is apt not to be the same.

BIOLOGICAL SOCIETY

Have Been Invited to Lecture at Harvard Medical School.

Dr. Cleveland Floyd extends to the members of the Biological Society through E. M. Tolman, its president an invitation to attend the meeting of

an invitation to attend the meeting of the Boston Society of Medical Sciences, this evening, at 8 P. M. The lecture will be held in Building D of the Harvard Medical School.

Three papers, including one on pathology, will be read. There will also be moving pictures of typhoid bacilli in motion, besides showing many protozoa. The films are among the firest and yet the most difficult that finest and yet the most difficult that

have ever been made.

The Biological Society urges all its members to be present, as it is seldom that they have such a splendid opportunity to hear a lecture on this important subject.

recently a placard in the Lowell building, placed probably by the 1916 Ballot Committee, in which the word "treasurer" is spelled with the "s" turned backwards. Such lack of care and display of ignorance is certainly

inexcusable.

We hope that care will be taken in the future with these notices, for they are one of the first things that catch a visitor's eye on entering any of the buildings, and embryo engineers should at least be able to letter corengineers rectly.

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CHARLES A. STONE, '88 RUSSELL ROBB, '88 ELIOT WADSWORTH, '91

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Fatima.

60 Fatima coupons will secure a white satin pillow top, 24 in. square, decorated with hand-somely painted flowers—12 designs to select from.

Liggatt & Myers Tobacco Co.



MECHANICAL ENG. SOC. (Continued from Page 1, Col. 3.)

ing been the president of last year's Junior class and treasurer the year before. This year he is a member of the Institute Committee. E. W. Brewster was connected with "Technique" last year, and is now a member of the Institute Committee.

Three years ago Foster Russell, then secretary, succeeded in securing affiliation with the American Society of Mechanical Engineers. This was a fine thing for the society as it increased its importance and brought it in contact without outside affairs and with important and influential men.

Two years ago Prof. E. F. Miller, head of the Mechanical Engineering Department, after unceasing efforts, was able to secure, with the assistance of Prof. I. N. Hollis of Harvard, the Student Branch Pin. Up to this time the students felt that they were attending the meetings of the society. without having an real conrection with it, and were in a way outsiders, and so desired the means of recognition relative to the society afforded by this pin. The society permitted the use of the four leaf clover with the four letters A. S. M. E. on some background to show it to be the Tech branch with the letters M. I. T. on it.

Recently the society enjoyed a trip to the Watertown Arsenal at Watertown, where many of the large guns and projectiles for the navy are made. The members were taken through the entire establishment and shown the methods employed in all the different processes of manufacture. The making of the guns was followed from the pouring for the steel casting to the making of the exceedingly accurate parts to be used in connection with the fine sight adjustments. The method of procedure in the making of the projectiles was also explained.

Lastly, the students were shown the complete details of the two machines for testing materials in tension and compression, one of which is the largest in the world. It is here that so many tests have been carried on relative to the strength of materials which have been of much benefit to the scientific world.

After the Christmas vacation the Mechanical Engineering Society expects to be able to get a representative of the Leutz Engineering Co. to give an interesting and instructive lecture with lantern slides.

The Journal, issued monthly by the American Society, contains all the transactions of the society and many discussions of questions of vital importance to the mechanical engineer, and is a paper which the officers of the Mechanical Engineering Society advise its members to read.

advise its members to read.

After graduating from the Institute a mechanical engineer may become a junior member of the society, securing the necessary blanks from the secretary. Being a member of the A. S. M. E. is of great value to the engineer in that it permits him to keep in touch with the latest investigations, and by association brings him in touch with many prominent engineers which would otherwise be impossible. Then again it permits him to submit to any of the members or committees a question upon which he is in doubt.

would otherwise be impossible. Then again it permits him to submit to any of the members or committees a question upon which he is in doubt.

The society has grown rapidly and now is one of the largest professional clubs in the Institute, having a membership of about one hundred.

CHESS TOURNAMENT PROGRESSING FAST

First Round Is Already Completed—Hope for Big Games After Holidays.

The Chess Club is preparing to take more scalps. Last week it won renown by defeating the strong Harvard team; but not satisfied with that, it is now looking for "more worlds to conquer." No more big games will come off until after the Christmas holidays, and possibly not until after the mid-year's, but the men are hard at work preparing for what is to come. Last week was marked by the first round of the club tournament, which is to test out the club's material and unearth any wonders who may lurk under the veil of modesty. The result of this round was as follows:

Merrill won over Weaver by a score of 2-0; Brown defeated Alger by a like score; Baker won over Dunning to the tune of 2-1; Kaufman took his game from Smith by default; Hoyt won from Norwood by a score of 2-1; Woodbridge won from Reese by default; Johansen beat Drummey, 2-0; Paris won from Johnson by a score of 2-0.

The second round, which must be played off by the end of the present week, will be as follows: Merrill vs. Brown, Baker vs. Kaufman, Hoyt vs. Woodbridge, Johnson vs. Paris.

Woodbridge, Johnson vs. Paris.

The winners of the first two matches will then play together, as will also those of the last two; the two winners of these matches then play and decide the tournament.

EPISCOPALIANS MEET.

Discussion Class in Form of Smoker at 22 St. James Ave.

This evening, at 7.15 o'clock, the third of a series of conferences, given under the auspices of the Brother-hood of St. Andrew, will be held at 22 St. James avenue.

These meetings, which partake of the nature of smoke talks, are conducted by the Rev. Mr. Van Etten, who is the assistant rector of Trinity Church. The topic for discussion is opened by him, and after a few remarks a general discussion ensues, in which everybody present joins and gives his opinions.

The meetings were originally intended as a preparation for Christmas, but as they have been very successful they will be continued after the holidays. Although there has been a good attendance to the former meetings it is hoped that a larger number will turn out tonight. All are cordially invited, whether or not members of the Brotherhood.

CHESS TOURNEY.

Tuesday evening, Tech's rejuvenated chess team visited the rooms of their Harvard rivals and took the scalps of the Harvard second team to the tune of four and one-half to one and one-half. Tech did remarkably well considering what little chance they had to practice, by winning three games, tieing three, and not losing any. Norwood, Baker and Merrili heat Lange, Tabens and Coggeshall, respectively; Chandler, Hoyt and Brown tied Hurley, Beers and Levy.

Tech is planning a return match with Harvard to take place in the near future, as well as matches with some of the other colleges in this vicinity.

DON'T BE SO LAZY!

Limber up and Stretch those muscles at the

Trinity Court Bowling Alleys

Right Across from the union. Come in after lunch, after dinner, anytime

A DOLLAR GOES TO THE MAN

with the highest candle pin score each day.

Come and Get lit.



Iradition

Tradition wears a snow-white beard, and has the wisdom of experience.

The pipe is a college tradition. Fill yours with





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BOSTON OPERA HOUSE

MON., 8 to 11. Last appearance of Mary Garden. THAIS. Garden, Fisher, Swartz, Scotney, Wilson, Marcoux, De Potter. Cond., Andre-Caplet.

WED., 7.45 to 10.45. First Presenta-tion of LOUISE. Edvina, Gay, Barnes, Clement, Marcoux. Cond., Andre-

Caplet. FRI., 8 to 10.45. TALES OF HOFF MANN. Edvina, Deveyne, Fisher, Clement, Marcoux. Cond., Andre-Cap-

let.
SAT., 2 to 4.50. LUCIA. Tetrazzini,
Gaudenzi, Rossi. Cond., Moranzoni.
SAT., 8 to 11. LA TRAVITA. Scotney, Ramelía, Blanchart. Cond., Moranzoni. Popular prices, 50c to \$2.50.
SUNDAY ORCHESTRAL CONCERTS
3.15 to 4.45.
Prices, 25c to \$1.00.
Dec. 22, Russian Music. Marcoux and Proctor, soloists.
Downtown ticket office, Steinert's, 162 Boylston.
Mason & Hamlin Pianos used.

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Julius Ceaser

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Classified Advertisements and Notices

CLASSIFIED ADVERTISEMENTS AND NOTICES.

Faculty Notices, free. Activities, 4c. per line. Individuals, 10c. per line, 6 words to a line.

LAST month a suit case, with inlitals E. W. M., was taken from the lower Tech office. Will the present possessor please return to the Cage or notify E. W. Mann.

SENIOR Portfolio Nominations will be due at the Cage before 4 P. M. Friday, December 20.

ON MONDAY, DEC. 16, at 1.30 P. M., Mr. George M. Hall, of the Industrial Commission of Edmunton, Alberta, will speak in the Union on "Openings for Engineers in the Canadian Northwest." The meeting will be held under the auspices of the T. C. A. (Signed) Richard C. Maclaurin, President President.

FACULTY NOTICE.

The English Department has decided to establish next term a special section in First Year English (140) for men who are engaged in work on THE TECH. The section will be limited to twenty, and no student will be admitted who nas received a mark below P in the first term. Fifteen out of the thirty hours will be allowed for work on the paper, and all articles of the thirty hours will be allowed for work on the paper, and all articles published will, after publication, be gone over by the instructor for criticism. The amount of written work actually done must not be less than thirty-five hundred words, to be made up of copy printed by THE TECH or of special articles submitted to the instructor. The department reserves the right to refuse to count anything which in workmanship or in taste falls below a reasonable standard. Those who wish to join this section should notify the department before the close of the present year.

ARLO BATES.

small gold bar pin. Rewar turned to TECH upper office.

(Mon-Tues)

LOST-A slide rule, plainly marked E. W. Mann, in Union, please return to the Cage? Will finder

FOR PRINTING AND TYPEWRITING, we have the facilities and experience that puts us at the top in the point of speed, convenience and economy in Tech work. We have save some over half another's quotation. Before placing an order come to us for our price

tion. Before piacing to us for our price.

TECH TYPEWRITING BUREAU,
Opposite the Union. 39 Trinity Place.
(Mondays)

FACULTY NOTICE.

The exercises of the Institute will be suspended during Christmas week December 23rd to 28th, inclusive. A. L. MERRILL,

Secretary.



FOR DRESS AFFAIRS

count anything his his and collars must be absolutely immaculate. Nothing less than absolutely of the department before the close of the present year.

ARLO BATES.

LOST—At Winter Concert, a lady's mall gold bar pin. Reward if remarks the collars and Collars must be absolutely immaculate. Nothing less than absolutely perfect laundering can be tolerated. We make a specialty of High Class Laundry work. Send all kinds of seirts here with confidence that when you come to wear them theo will be found just as they 3hould be and as you would have them.

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Write Ideas for Moving Picture Plays

YOU CAN WRITE PHOTO PLAYS AND EARN \$25. OR MORE WEEKLY We Will Show You How!

If you have ideas--if you can think--we will show you the secrets of this fascinating new profession. Positively no experience or literary excellence necessary. No "flowery language" is wanted.

The demand for photoplays is practically unlimited. The big film manufacturers are "moving heaven and earth" in their attempts to get enough good plots to supply the ever increasing demand. They are offering \$100, and more, for single scenarios, or written ideas.

We have received many letters from the film manufacturers, such as VITAGRAPH, EDISON, ESSANAY, LUBIN, SOLAX, IMP, REX. RELIANCE, CHAMPION, COMET, MELIES. ETC., urging us to send photoplays to them. We want more writers and we'll gladly teach you the secrets

We are selling photoplays written by people who "never before wrote a line for publication.

YOU WILL EARN \$100 MONTHLY FOR SPARE TIME WORK.

SEND YOUR NAME AND ADDRESS AT ONCE FOR FREE COPY OF FREE OUR ILLUSTRATED BOOK," MOVING PICTURE PLAYWRITING"

Don't hesitate. Don't argue. Write now and learn what this new profession may 'mean for you and your future.

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